METROPOLITAN

No. 1066 and all that

Property of _____

School _____

RICHARD A. HOWARD
GRAY HERBARIUM
HARVARD UNIVERSITY
CAMBRIDGE, MASS

DATE

FAMILY NAME GIVEN NAME

SECTION ROOM

	Mon.	Rm.	Tues.	Rm.	Wed.	Rm.	Thurs.	Rm.	Fri.	Rm.
1										
2										
3										
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12										

THIS BOOK IS OF VALUE TO ME
PLEASE RETURN POSTAGE COLLECT
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8-22-40

388

3833

4000 *Duranta inermis* Verbenaceae

arching shrub 10' - fls purple-blue, fruits orange

Copp - large open valley

4001 *Bedmeria platyphylla* D. Don. Urticaceae

shrub 5-6' - fls white

4002 *Ixora hybrida*

shrub 8' - fls orange pink, fr. ovate

4003 *Pleiogynium solandri* Engl Anacard.

erect tree 30' - fls yellow green - bark light gray

smooth - DBH - 13"

4004 *Terminalia "Muelleri" Benth* Indo Combretaceae

tree 30' - bark dark gray - dbh 8" - fls white,

fr shell green - hypsy - S-4-5 - P-0, S-0-10, Pistillary

4005 Spathodea nilotica Seem. T. Cf. Bignoniaceae
Tree 30' dbh 16" bark smooth gray, fl
orange-red - fr brown - pub?

4006 Bougainvillea glabra Choisy Brazil Nyctag.
shrub 8' - bracts violet-red - calyx tube same
optics yell-white

4007 Ixora macrothyrsa T+B. E. Indies Rubiaceae
young shrub 3' - fl magenta - fr still green

4008 Calophyllum antillanum Britt. W.I. Guttif.
Tree 24' dbh 1', bark smooth gray.
fl 3" - fr still green, globular 1" diam

4009 Hibiscus elatus Sw. W.I. Malvaceae
Tree 30', dia. 14" bark corky dark brown,
fl bright orange-red - fr brown

4010 Mammea americana L. W.I. Guttiferae
Tree smooth dark gray bark, 25', dbh 10"
trunk

4011 Hibiscus elatus Sw. WI Malvaceae
"Cuban bast" Tree 30', dbh 11", bark smooth
rough corky, light gray-br. fls orange red, fr br

4012 Daura Trichihoides L. C. Melastom
Tree 16', dbh 4", bark chest br. corky - fl. yel-green

4013 Kleinhovia hospita L. India Sterculiac.
Tree 25', many trunks, bark dark br, finely squared
elliptical st, dbh 4", fls flesh pink - fr.

4014 Caesalpinia bahamensis Lam. WI Legum.
spiny shrub 15' - dbh 2" - spines 1/4" or larger
fls. ? - pods present.

4015 Bucida buceras L. WI Combretaceae
Tree large spread, 30' - trunk stout, dbh 18"
fls past - frs green clustered on ped. - spinose
short shoots -

4016 Ligustrum massalongeanum Vis. Oleac.
Himalayas - cut back shrub - much
branched - woody - bark Thin, gray
fls white

4017 Jasminum grandiflorum L. Europe Oleac.
graceful woody shrub 9'- fls white

4018 Citharexylum fruticosum L. Cuba Verbena.
Tree 30'- bark scaly - brown - M - d62 - 14th
fls white - odor -

4019 Thujopsis gracilis (Bartl.) Kltze Brazil Malpigh.
Low shrub, 4', branched, fls yellow - fr black
petals stalked - 3 one seeded nutlets - C5, P5 S10 S3

4020 Casuarina fraseriana Miq Aust. Casuar.
straight Tree 30'- smooth grey bk bark - smooth

4021 Casuarina lepidophloia F. Muell Australia
grey tree 25'- trunk straight d62 - 6" - bark
smooth

4022 Sesbania grandiflora (L) Pers. Australia Legum
tree 20', trunk branched, bark corky-brown
fls ? - fr ok

4023 Lagerstroemia speciosa (L.) Pers. India Lythr
tree with large crown, 30' - bark brown smooth
fls purple-rose - fr brown

4024 Cordia Sebestena L. WI Borag fr.
small tree 15'- trunk st, bark bl-br - clm
like - fls orange - fr green now -

4025 Lysidice rhodostegia Hance S. China Legum
tree 25'- bark smooth gray - dbh 10"
petals varied color - basal pink - calyx pink outside
red inside - stamens 2 good set about - 3 petals
pistiled + purple -

4026 Aleurites moluccana (L) Willd Malaya
Euphorbiaceae Tree 30'- dbh 14"-
fls.?- fr collected- bark gray

4027 Dillenia indica L. Asia Dilleniaceae
large Tree 40'- bark papery peeling in
chestnut brown slices- dbh 10"
fls large- calyx fleshy, seeds numerous-

4028 Casuarina equisetifolia Forst. Aust
50 Tree, shaby bark- grey brown dbh 14"

4029 Calliandra surinamense Benth. Brasil Legum.
spreading shrub, 9 ft long- st tube white
upper portion pink.

4030 Casuarina leptoptloia Miell Aust
tree 25' st. round, dbh 6"- gray, smooth

4031 Albizzia lebbeck (L) Benth. S. Asia Leg.
tree large crown 40', thick foliage, trunk short
dbh 76" - bark corky rough thick fls white
to dark green - good odor

4032 Alectryon subcinereus Radlk. Aust. Sapind
low shrub 3' - fr only

4033 Acacia villosa (Sw) Willd Venezuel. Leg.
young shrub 10' - old bark grey, young short
brown - smooth - fls white.

4034 Antidesma platyphyllum Mann. Hawaii Euphorb.
small tree, 20' - trunk dbh 8" bark brown fissured
fls none.

4035 Chrysophyllum Cainito L. W.I. Sapotaceae
Tree 30' - dbh - 10" - leaves brown pub. below
shiny green above - bark chestnut brown corky
fr purple 12 red. seed - smaller than next no.

4036 Chrysophyllum olivaeforme L.
Phil. says fruit is large as purple-flowers
white

4037 Crescentia alata HBK Mexico
spreading bizarre tree 8'-few limb branches
puts winged

4038 Ponasi Hamelia patens Jacq. Rubiac
shrub-bush 8'-fl orange red
berries black-leaves used for fetter medicine

Ejocasty
3

4039 Cordia angrocaipa Ruiz. Cuba Boraj.
tree 30'-dbh-12"-bark black-smooth
fl orang (+ yell)-fr calyx yellow

4040 Phyllanthus emblica L. T. Acia Euphorb.
wiry tree, large crown 35'-dbh-2½'-
bark gray brown-smooth-fr. pale brown

4041 Tillandsia recurvata L.

3. 4042 Tillandsia tenuifolia L.

4042a Tillandsia tenuifolia L.

4043 Tillandsia Balbisiana Schul.

4044 Cryptanthus Wittianus Mull. Arg.

4045 Mandevilla suaveolens (Poepp.) Woodson

4046

4047 Psidium Cattleianum Sab. var. lucidum

4048 Chrysobalanus icaco var. pellocarpus

4049 Spathodea campanulata Beauv.

4050 Belou marmelos (L.) Wight

4051 Pittosporum ferrugineum Bentl.

4052 *Cassia fistula L.*

4053 *Uvaria rufa Bl*

4054 *Artocarpus integra (Thun) Merr.*

4055 *Murraya exotica L.*

4056 *Psidium molle Bertero.*

4057 Conocarpus erectus L.

4058 Mangifera indica L.

4059 Michelia champaca L.

4060 Euphorbia (hypericifolia) pilulifera L.
3

4061 Euphorbia heterophylla L. Euphorb.
1

4062 Bidens pilosa L. var. leucophylla
3

4063 ✓ *Bidens cynapiifolia* HBK

4064 1 *Bouchea prismatica* (L.) Kth

4065 3 *Lantana camara* L.

4066 3 *Sida angustifolia* Lam.

4067 1 *Sida urens* L.

4068 *Sonchus laevigatus*

4069 Cenchrus echinatus L.
(2)

4070 Setaria geniculata (Lam) Beauv.
(3)

4071 Stapelia mobilis N. E. Brown

4072 Nopalea dejecta

4073 Agave vivipara Penn.

4074 Cereus hexagonus (L) Mill

4075 Boerhaavia hirsuta Willd.

4076 Boerhaavia paniculata Rich.

4077 Aloe succotrina Lem.

4078 Aloe sec (Berg) var maculata Hort.

4079 Peraphis grandiflora Hew.

4080 Cenchrus myosuroides Kth.
(2)

4081 Monandia Charantia L.
2

4082 Portulaca oleracea L.
V

4083 Tribulus procumbens L.
V

4084 Hemidiodia ocimifolia (Willd) K. Sch.

4085 Vernonia cinerea (L.) Less.
3

4086 Jatropha podagrica Hook

4087 Jatropha multifida L.

4088 Jatropha glaucovirus Pax & Hoffm.

4089 Jatropha gossypifolia L.

4090 Ipomoea tiliacea (Willd.) Choisy
3

4091 Cissus sicyoides L.
1

4092 Dychia altissima Lind
C

4093 Pitcairnia latifolia Soland
C

4094 Tillandsia Valenzuelana A. Rich.
1

4095 Cryptanthus acaulis Beer
C

4096 Cuchnea bracteata (Cav.) Gmelin

4097 Bixa orellana L.

4098 Talinum triangulare Willd. Portul.

4099 Talinum fruticosum L.

4100 Rivinia humilis L. Phytolac.

4101
1 Rivina laevigata (=R. humilis)

4102
3 Capsicum baccatum L.

4103 Bauhinia Galpini N.E.Br.

4104 Clusia rosea L.

4105
1 Gomphrena decipiens St.

4106 Kalanchoe marmorata (L.) T.=6

4107 Acalypha alopecuroides Jacq.

3

4108 Musa sapientum L.

4109 Amaranthus viridis L.

3

4110 Brassavola nodosa (L.) Lindl.

4111 Epidendrum cochleatum L.

4112 Epidendrum altissimum Baton

= barbadense L and Caribe

4114 Montezuma speciosissima (Mart & Sess) D.C.

4115 Talinum paniculatum (Jacq) Gaertn.

4116 Rajania Wilsoniana Norton

(3)

4117 Rajania angustifolia Sw (?)
(3)

4118 Isaiacis divaricata (L) Hitch.
(3)

4119 Solanum torvum L.
5

4120 Philodendron sp
(1)

4121 Echites umbellata Jacq.
V

4122 Cayaponia racemosa Cogn.
2

4123 Passiflora suberosa L.
1

4124 Melothria pendula Blo.
1

4126 Gouania polygama (Jacq) Urb. Rhamnaceae
V

4127 Chiococca alba (L) Hitch.
4

4128 Lantana camara L.
V

4129 Rondeletia odorata Jacq.
3

4130 Martynia annua L.
?

4131 Polygonum glabrum Willd.
2

4132 Olyra latifolia L.
(3)

4133 Calopogonium coeruleum (Benth.) Hemsl.
2

4134 Malachia aceifolia mens Cut Jacq.
3

4135 Sida cordifolia L.
3

Psychotria tenuifolia Sw.

4137 Pisonia (Nec.?) macranthocarpa
1

4138 Cordia polycephalata
V

4139 Rauwolfia canescens L. ... Apocyn

3

4140 Argyreia candicans Sw.

3

4141 Maranta arundinacia L.

(1)

4142 Pirotia crusis L.

3

4143

Heteranthera limosa (Sw) Willd.

2

4144 Mimosa pigra L.
V

4145 Potamogeton fluitans Roth.
(-)

4147 Hymenocallis caymenensis Herb.
(3)

4148 Parthenium hysterophorus L.
3

4149 Sesbania longiflora (L.) Pers.
V

4150 Cissus sicyoides L.
3

4151 Cleome serrata Jacq. Capparidaceae
(2)

4152 Crotolaria retusa L.
2

4153 Rhynchosia minima DC.
2

4154 Tillandsia Balbisiana Schult.
3

4155 Tillandsia Balbisiana Schult.

4156 Allamanda cathartica

4157 Muntingia Calabura L.

4158 Tillandsia recurvata (L) L.

4159 Caesalpinia pulcherrima L.

4160 Calicarpa arborea Roxb.

4161 Erithalis fruticosa L.

4162 Erythroxylon coca Lam.

4163 Murraya exotica (L).

3

4164 Cordia obliqua

4165 Eugenia cornuta Lam.

4166 Chrysophyllum oliviforme L.

4167 Melaleuca genistifolia Smith

4168 Melaleuca leucodendron L.

4169 Jussiaea suffruticosa L. var ligustrifolia (HBK) Brsib.
3

4170 Mussaenda luteola Del.

4171 Lawsonia inermis L.

4172 Tabebuia Sauvallii Brit. Bynion

4173 Cassia speciosa var. argentifolia

4174 Terminalia Saffordii Wm. Combret

4175 Cordia cylindrostachya R. & S.

4176 Thespesia populnea Cav.

4177 Vitex negundo L.

4178 Rauvolfia cubana A. DC.
3

4179 Thevetia cuneifolia (Pers.) Muell.

4180 Saraca indica L.

4181 Grewia populifolia Vahl.

4182 Grewia asiatica L.

4183 Hibiscus elatus Sw. Mad

4184 Parmentiera edulis D.C. Bej

4185 Paliurus ramosissimus Poir

4186 Calophyllum calaba Jacq. Southf.

4187 Clusia rosea

4188 ~~Lippia~~ digitata L. Verbenaceae

4189 Lippia reptans HBK

3

4190 Bambusa disticha

4191 Dryopteris dentata (Forsk) C. Chr.

3

4192 Eclipta alba (L) Hask

V

4193 Clerodendron indicum (L) Kuntze

4194 Ammannia coccinea Rottb.

4195 Oncoba spinosa Forsk Flac.

4196 (Blac) Mem.

4197 L.

4198 Lagenostemia Thonnonelli

4199 Spilanthes limonica Moore

4200 *Allamanda Cathartica L.*

4201 [illegible]

4202 *Avicennia nitida (L) Spreng*

4203 *Laguncularia racemosa Gaertn. f.*

4204 *Phaseolus savannarum Brit. (?)*

4205 Achyranthes ficoidea (L) Lam.
1

4206 Ipomoea pes-caprae (L) Sweet
1

4207 L.
1

4208
1

4209 Cocoloba uvifera Jacq.
1

4210 Argythamnia candicans Sw.
3

4211
3 Jatropha gossypifolia L.

4212
(2) Cleome spinosa Jacq.

4213
3 Urechites lutea (L.) Brit.

4214
3 Turnera ulmifolia L.

4215
3 Hyptis pectinata (L.) Poit.

4216
2 Tessarium (Melochia) cubense (L.) Medic

4217 *Paspalum distichum L.* Gramineae
(4)

4218 *Paspalum conjugatum Bergius* Gramineae
(2)

4219 PECTIS LEPTOCEPHALA (CASS.) URB. Compositae
det. Alain 1965

4220 *Corolia globosa Jacq.*
3

4221 *Canavalia maritima (Aubl.) Thou.* Legu
4

4222 *Crotolaria retusa* L.

4223 *Indigofera tinctoria* L.

4224 *Tephrosia cinerea* Pers.

4225 *Aeschynomene* ~~virginica~~ *americana* L.

4226 *Londesia arenicola* HBK

4227

4228 (3) *Eichornia crassipes Solms* Pontederiaceae

Stalks with yellow spots, petals reflexed
floating

4229 *Poinciana pulcherrima L.* Leguminosae

Bush

4230 *Hibiscus (Hibiscus)* Malvaceae

Shrub 1-2' high, flowers scarlet

4231 *Lantana Camara L.* Verbenaceae

Shrub 2-3' high, flowers

4232 3 *Eclipta alba (L.) Hask.* Compositae

4233 4) *Centrostachys indica (L.) Standl.* Amaranthaceae

Shrub 1-2' high

4234
4

Jacquinia aculeata (L.) Mig.

4235
4

Cestrum diurnum L.

4236
4

Anoda acerifolia (Cav.) DC.

4237

4238
3

Croton lobatus L.

4239 Stemodia lucentifolia Do.

4240 Justicia comata (L) Lam.

4241 Ammannia coccinea Rottb.

4242 Centrosema virginianum Benth.

4243 Cassia occidentalis L.

4244 Cassia vigata Desv.

4245 Canavalia ensiformis (L) DC

4246 Crotolaria incana L.

4247 Rhynchosia minima DC.

4248 Desmodium, cana

4249 Mimosa pudica L.

4250 Phaseolus lathyroides L.

4/251 Alysicarpus vaginalis DC

4252 Cassia glandulosa L.
3

4253 Cyperus elegans L.
2

4254 Cyperus esculentus L.
0

4255 Fimbristylis annua (All) R+S.

4256 Cyperus brevifolius (Rottb) Hassk.
- differs from pumilus which is capitate

4258 Cyperus ochraceus Vahl.

4259 Cyperus compressus L.

4260 *Rhizophora Mangle L.*

4261

4262 *Miconia albicans (Sw) Triana*

4263 *Eupatorium villosum Sw.*
3

4267
1 Boreria verticillata (L.) Mey.

4265
3 Glycirrhiza virginiana DC.

4266
1 Richardia brasiliensis Gomez

4267
131 Sauvagesia erecta L.

4268
6 Croton sagraeanus Muell. Arg.

4269 Bachnia sonyata Sw.

4270 Tabebuia Lepidota (HBK) Bur.

4271 Mencketia rosea (A.DC) Miers

4272 Euphorbia Brasiliensis Boiss

4273 Schultesia guianensis (Aubl) Malme Gentian.

4274 *Acalypha chamaedrifolia* (Lam.) Muell. Arg.
1

4275 *Angelonia pilosella* S. Kicker
1

4276 *Curculigo scorzonerafolia* (Lam.) Baker.
~~*Hypoxis Wrightii* (Baker) Buckett.~~
(1)

4277 *Lacrdia hispidula* Vent
1

4278 *Pinguicula cistoides* (L.) Mey.
2
HD

4279 Croton glandulosus L.
1

4280 Andropogon gracilis Spreng.
(3)

4281 Angelonia pilosella Richy
3 cubensis Robinson

4282 Scleria hirtella Sw.
v

4282a Scleria pinetorum Britt. ~~known from Texas.~~ reported from Florida but not S.C.

4283 Scleria phyllopteria Wright.
v

4284 Aeschynomene tenuis Grisb.
v

Poinciana diphylla

1

Poinciana oblongifolia (Urb) B & R.

4287 Gomphrena dispersa St.

V

4288 Bypsonima crassifolia (L) HBK

4

4289 Scleria motembensis Britt.

known only from type locality at Sabana de Motembo

4290 Stylosanthes viscosa Sw. Legume.

1

4291 Fumbyastyle

4292 Cassia diphylla L.
3

4293 Wedelia gracilis Rich.
3

4294 Aeschynomene sensativa Sw.
3

4295 Buchnera elongata Sw.
1 Its use purple

4297 Rhabdodenia cubensis Mull. Arg.
3

4298 Passiflora foetida Cav. var. polyadenia (Griseb.) Killip
4

4296 Croton castaneifolia (L.) St. Hill
3

4299 Echites umbellata Jacq.
1

4300 Dioclea lasiocarpa Wall.
1

4301 Zornia diphylla (L.) Pers.
1

4302 Geraldia lasiopoda Mart.
3

4303 Cyphia paludosa Aubl.
(1)

4304 Evolvulus sericeus Sw.
V

4306 Stigmaphyllon sagreanum Juss.
1

get the Granition of this - not fl truncate or emarginate as per

4307 Cuphea Parsonsia (L) K. Br.
1

4308 Sporobolus martinicensis (Jacq.) Mez
2

4309 Schizachyrium microstachyum (Desv. ex Ham.) Roseng., B.R. Arrill. & Izag.

4310 Schizachyrium sanguineum (Retz.) Alston
3

4311 Waltheria americana L. Sterculiaceae
3

4312 Sporobolus tenuissimus (Schrank) Kuntze
3

4313 Canavalia latifolia (Meyer) DC.
3

4314 [illegible] HBK

4315 Dendropemon emarginatus Kr. & Urb.

4316 Passiflora cubensis Urb.
6,140'

4317
5 [illegible] i

4318 Echites umbellata Jacq. var. crenipes (A. Rich.) Bonnet
1

4319 Passiflora foetida Cav. var. polyadena (Cavib.) Killip

4320 *Rhabdadenia cubensis* Mull.-Arg.
3

4321 *Plumieria obtusa* L. var. *typica* Woot.
3

4322 *Clitoria Ternatea* L.
3

4323 *Exogonium microdactylon* (Gris.) Hous.
1

4324 *Rondeletia combsii* Grisebach
3

4325 *Erythroxylon minutifolium* Gris.
4

4326 Bourreria microphylla Griseb.
4/4

4327 Tillandsia flexuosa Sw.
4

4328 Evolvulus
3

4329 Croton nummulariifolia A. Rich.
4

2 nos
no. is error with V. ilata
4330 Emilia sonchifolia (L) DC
3

4330a Swietenia mahogoni L. Meliaceae
Verbenia alata L.

4331 A — *Acalypha chamaedrifolia* (Lam.) Muell. Arg.

4332 — *Acalypha chamaedrifolia* (Lam.) Muell. Arg.

4333 1 — *Buchnera elongata* Sw.

4334 3 — *Eupatorium villosum* Sw.

4335 3 — *Tabebuia lepidota* (HBK) Brit.

4335a — *Polygala sagiroides* Grisb.

4336 Epidendrum altissimum Batem.

4337 Borreria verticillata (L) Mey.
3

4338 Tillandsia Balbisiana Schul.
3

4339 Sagittaria subulata Hitchcock
(1)

4340 Andropogon multinervosus (Nash) H + C.

4341 Aristida ramosa Swall.
(1)

4343 Panicum exiguiflorum Gusib.

4344 (3) Setaria geniculata (Lam) Beauv.

4345 (1) Setaria geniculata (Lam) Beauv.

4346 (8?) Tripogon spicatus (Nees) Ekman

4347 1 Bulbostylis curassavica Britt.

4348 3 Croton heliotropiifolius Kth.

4349 (2) Dioscorea tamnoides Gris.

4350
3 Rondeletia odorata Jacq.

4351
1 Calopsis Berteroniana (Schul. f.) ?

4352
1 Clitoria rubiginosa Juss. ex. Pers.

4353
2 Hyptanthus Wrightii Urb.

4354
4 Phyllanthus orbicularis HBK. Euphorbiaceae

4355
1 Galactia savannarum Britt.

4356 *Turnera diffusa* Willd. Turneraceae

4357 *Neobracea Valenzuelana* (A. Rich.) Kuntze

4358 *Anastraphia Cowellii* Britt.

4359 *Stenandrium droseroides* Nees

4360 *Schwenkia americana* L. Solan.

4361 *Thymopsis Wrightii* Benth.

4362 Cailliaea glomerata (Forst) Macbr.

4363 Pictetia sessilifolia Wr. ex Combs.
3

4367 Angelonia pilosiuscula Triana
1

4365 Solanum aquartia Dunal
2

4366 Solanum torvum L.

4367 Diodea teres Walt.
& 4

4368 Ptycanlon alopecuroideum (Lam) DC.
Cat 3

4369 Scoparia dulcis L.
1

4370 Cassytha filiformis L. Lauraceae
2

4371 Byrsonima crassifolia (L) H.B.K.
1

4372 [illegible]

4373 Borreria verticillata (L) Mey.
2

4374 Echites umbellata Jacq.
1

4375 Aristolochia passiflorafolia C. Rich.
1

4376 Galactia pariflora C. Rich
0

4377 Solanum jamaicense Sw.
1

4378 Abrus precatorius L.
1

4379 Buchnera elongata Sw.
1

4380 Croton nummularifolius S. Wats.
3

4381 Stylosanthes viscosa Sw.
3

4382 *Cosmos caudatus* HBK

4383 *Lygodium oligostachyum* (Willd.) Desv.

4384 *Croton glandulosus* L.

4385 *Zornia tetraphylla* (DC) F & R. (*Zornia diphylla* (L.) Pers. var. *myriadena* (Benth.) Stone & Bris.)

4386 *Dichromena colorata* (L.) Hitchc.

4387 *Mollugo nudicaulis* Lam.

4388 *Portulaca cubensis* Britt. & Wilson

4388a Piper guabinachanum Trel. (longestifolium R. & P.)
3

4389 Solanum lentum Cav.
6

4390 Tragia volubilis L.
3

4391 Passiflora rubra L.
1

4392 Smilax domingensis Willd.
(R)

4393 *Cassia trifoliata L.*
3

4394 *Clidemia hirta D. Don.*
4

4395 *Cissampelos pareira L.*
4

Psychotria horizontalis Sw.

4397 *Rondeletia odorata Jacq.*
4

4398 Piper umbellatum L. - Fla Fav & Rat.
3 Potomorphe umbellata Miq.

4399 Cissus sicyoides L.
1

4400 Miconia laevigata DC.
3

4401 Tillandsia pruinosa Sw.
3

4402 Bonzalgunia brachyantha (A. Rich.) Urb.
4

4403 L.

4404 Tillandsia Schiedeana Steud.
3

4405 hirsutissima L.
5

4406 Andropogon glomeratus (Walt.) BSP

4407 Dichromena radicans C. & S.

4408 setifera L.
3

4409 Tillandsia fasciculata Sw. var. clairopica Mez
3

4410 hirsuta Sw.
3

4411 Lobelia Cliffordiana L.
1

4412 Erigeron cuneifolium DC.

4414 Delilia biflora (L) Kze
3

4415 Cuphea cordifolia (Sw) Koehne
3

4416 *Samolus floribundus* HBK

4418 *Cissus caustica* Tuss.

4419 *Adiantum crenatum* L.

4420 *Blechnum occidentale* L.

4421 *Dryopteris scolopendrioides* (L.) Kuntze

4422 *Selaginella serpens* (Desv.) Spr.

4423 *Dryopteris sancta (L) Ktze*
3

4424 *Tectaria heracleifolia (Willd) Underw.*
3

4425 *Polypodium polypodioides (L) Watt.*
3

4426 *Plantago major L.*
3

4427 *Hedychium coronarium L.*
(5)

4428 *Fuirena tenuifolia*
1

4429 *Luehea speciosa Willd*
6 Masema barca

9-3

4431 Verbesina alata L.

3

4433 Tetrazygia bicolor (Mill) Cogn.

3

4434 Tectaria heracleifolia (Willd) Underw.

✓

4435 Barleria solanifolia (L) Nees. Acanth.

3

4436

4436 *Polypodium phyllitidis* L.

3

4437 *Geoneria rupincola* Urb.

3

4438 *Tectaria coriandrifolia* (Sw.) Underw.

8

4439 *Lepto*dium (*Bolbitis*) *pergamentacea* Mx.

3

4440 *Passiflora rubra* L.

3

4442 Adenostemon villosum L.
3

4441 Epidendrum atisanum Bateman
1

4443 Dryopteris dentata (Forsk) C. Chr.
4

4444 Asclepias nivea L.
4

4445 Polypodium chaerophyllioides (Poir) C. Chr.
4

4446 Pavonia sessilis Cav.

4447 Dryopteris sclerophylla (Kunze) C. Chr.
4

4448 Psychotria tenuifolia Sw.
2

4449 Dryopteris sclerophylla (Kze) C. Chr.
3

4450 Croton Vaillanti Müll.
3

4451 Terminalia intermedia
2

4452 Dryopteris obliterata (Sw.) C. Chr.
3

4453 Spilanthes insipida Jacq.
3

4454 Dryopteris serra (Sw.) Kze
3

4456 Asplenium dentatum L.
11

4457 Ipomoea carolina L. Convol.
4

4458 Adiantum fragile Sw.
4

4459 Chiococca alba (L.) Hitch. Rub.
3

4460 *Pteris mutilata L.*
5

4461 *Adiantum pulverulentum L.*
4

4462 *Asplenium trosum L.*
3

4463 *Citharexylum tristachyum Turcz.*
3

4465 *Epidendrum difforme Jacq.*
1

4466 *Pilea muticaulis* Wedd.
3

4467 *Pilea macrophylla* (L.) Liebm.
2

4468 *Setaria setosa* (Sw.) Beauv.
(3)

4469 *Adiantum dettoideum* Sw.
1

4470 *Eupatorium brachyrhachum* Robins.
3

4471 *Adiantum fragile* Sw.
V

4472 *Selaginella stolonifera* (Sw.) Spr.
3

4473 *Rajania Wrightii* Uline (?)
2

4474 *Duranta repens* L.
3

4475 *Cissus sicyoides* L.
1

4476 *Ampelopsis robinsonii* Planch
(*Vitis aestivalis* Michx. var. Combs)
3

4477 *Echites umbellata* Jacq.
4

4478 *Epidendrum rigidum* Jacq.
3

4479 Pharus glaber H.B.K.
(1)

4480 Geonoma acuminata Mart. Geonoma
4

4481 Bactris trichiostachys L.
3

4482 Solanum torvum L.
3

4483 Oxandra laurifolia (Sw.) Rich. Apoc
2

4484 Asclepias curassavica L.
2

4485 *Lantana involucrata* L.
3

4486 *Hyptis pectinata* (L) Poit
1

4487 *Alloplectus communis* (Aubl.)
3

4488 *Lygodium volubile* HBK
1

4489 *Psychotria pubescens* Sw.
4

4490 *Paullinia pinnata* L.
1

Pdoebe montana Gurib.

#492 Olyra latifolia L.
(2)

#493 Lasiacis divaricata (L) Hitch.
(4)

#494 Pilea pubescens Liebm.
5

#495 Melothria pendula Linn.
1

#496 Exostema longiflorum (Lam) R+S.
6

4497 *Pavonia fruticosa* (Mill) F+R. Malvac.
3
4 3'

4498 *Desmodium axillare* (Sw) DC. var. *angustifolium* (O.K.) Uhl.
2

4499 *Peperomia Leschenaeana* T+L.
3

4500 *Maregravia rectiflora* T+Pl.
3

4501 *Peperomia rotundifolia* (L) HBK
1

4502

4503 Guzmania monostachia (L.) Rusby
4

4504 Epidendrum cochleatum L.

4505 Philodendron lacerum (Jacq.) Schott.
(3)

4506 Calyptronoma dulcis (Wright) L.H. Bailey
(5)

4507 Tillandsia festucoides Brogn
1

4508 Aechmea nudicaulis (L.) Griseb.

45.09 *Vanilla aff. fragrans (Salis) Gmel.*
3

4510 *Passiflora foetida Cav. var. polyadena (Griseb.) Killip*
1

4511 *Ravenia spectabilis (Lindl.) P* very good coll Rut.
4

4512 *Aneimia cuneata Ktze*
3

4513

4514 *Bixa orellana* L.

5

4515 *Justicia secunda* Vahl. Acanthac.

3.

4516 *Dichromena ruhicaina* C+S

4517 *Adenostemma Berteri* DC.

1

4518 *Ageratum conyzoides* L.

1

4519 *Polystachya luteola* (Sw) Hook

4520 *Hypotis verticillata* Jacq.
3

4521 *Costus ruber* Wright.
(4)

4522 *Adiantum macrophyllum* Sw.
3

4523 *Dryopteris* (*amilobum* (Poir.) Hieron *semilatatum* (Kze.) C. Chr.)
2

4524 *Dryopteris cicutariioides* (L.) Kuntze
3

4525 *Dryopteris sagittata* (Sw.) C. Chr.
5

4526 *Zanthoxylum martinicense* (Lam.) DC.
3

4527 *Begonia acutifolia Jacq.*
3

4528 *Begonia acutifolia Jacq.*
2

4529 *Smilax domingensis Willd.*
2

4530 *Dryopteris (Sloanei (Baker) Kuntze) oligophylla Maxon*
3

4531 *Conostegia icosandra (Sw.) Urb.*
3

4532 *Diplazium striatum (L.) Rusb.*
3

4533 Casearia sylvestris Sw. Flacourt.
3

4534 Dryopteris domingense (Spreng) Maxon
2

4535 Cissus sicyoides L. Vitaceae
3

4536 Dryopteris sancta (L) Kze
2

4537 Polypodium pectinatum L.
2

4538 Adiantum fragile Sw.
3

4539 Gilibertia arborea (L) March
5

4540 Dryopteris pubescens (L) Kuntze
4

4541 Polypodium vepatum Eaton
4

4541 c 1 Polypodium costatum Kze

4542 Saccoloma inaequale (Kze) Mett
3

4543 Polytaenium lanceolatum (L) Benth.
3

4544 Anisosorus hirsutus (L) Underw. & Maxon
3 Tomato fern

4545 Dryopteris (Polypodium) unilobum (Poir) Hieron
3 semihastatum (Kaulf) C. Chr.

4546 Tectaria martinicensis (Spreng) Copel.
3

4547 Canaca modesa (W) JE Smith
3

4548 Tillandsia Valenzuelana A. Rich

4549 Tillandsia Valenzuelana A. Rich
3

4550 Guzmania lingulata (L) Mez.
2

4551 Pharus latifolius L.
(5)

4552 Gilibertia arborea (L) March Araliæ.
3

4553 Polypodium vexatum Eaton
4

4554 Dryopteris hirta (Sw) Kze
6

55 Acotis leucoxylon (Sw) Mz.

4556 Bochmeria cylindrica Willd.
1

4557 Pavonia spinifex
3

4558 Polypodium Tenuifolium H B K
4

4559 Asplenium myriophyllum (Sw) Desv.
1

4560 *Polygonum punctatum* Ell.
2

4561 *Ginoria americana* L. Lythraceae
✓

4562 *Pavonia fruticosa* (Mill) Fawc & Rendl. Malv.
3

4563 *Reneaboia occidentalis* (Sw) Swart.
(3)

4564 *Peperomia serpens* L.
4 (*P. scandens* R&P, *repens* R, *confirmis* Hook)

4565 *Rhipsalis Cassytha* (L) Gaertn.

#566 Peperomia cubana C. D.C.
3

#567 Dryopteris effusa (Sw) Underw. var. confinis (Maxon) C. Chr.
1

#568 Tillandsia festucoides Brogn.
1

#569 Dryopteris sancta (L) Kuntze
5

4570 Dryopteris dentata (Forsk) C. Chr.
3

4571 Marcgravia rectiflora Tr. & Pl.
V

4572 *Passiflora suberosa* L.
V

4573 *Selaginella stolonifera* (Sw.) Spr.
1

4574 *Rondeletia pedicellaris* Wr.
3

4575 *Malapis spicata* Sw.
1

4576 *Polypodium* (*heterophyllum* L. *Swartzii* Baker)
3

4577 *Adiantum deltoideum* Sw.
3

4578 *Anemia adiantifolia* (L.) Swartz.
1

4579 Adiantum dolloidesum Sw.
2 pubescent

4580 Adiantum tenerum Sw.

4581 Cordia polycephala (Lam) Johnston
3

4582 Desmodium canum (Gm) Sch + Thell.
1

4583 Forsteronia corymbosa (Jacq) Mey.

4584 Adenoderris viscidula (Mutt) Mason
4

4585 Carex polystachya Sw.

Lobelia salicina var. brachyantha Urb.

4587
1
Bignonia Sagraeana D.C.

4588
4
Turnera ulmifolia L.

4590
4
Duranta repens L.

4591
2
Cheilanthes microphylla Sw.

4592
4
Capparis biflora L.

4593 Annona reticulata L.
3

4594 Desmodium canum (Gm) Sch. + Thld.
incluso incanum + asperum

4595 Calonyction aculeatum (L) House Conv.
V

4596 Alpinia Sanderae
C

4597 Calathea illustris
C

4598 Curcuma petiolata
C

Sanchezia nobilis Hook.

4600 Clerodendrum squamatum Vahl.

4601 Strobilanthus isophyllus Nees

C

4603

Phil. pine orchid

4604 Thalia geniculata L.

C (3)

4605-7 [illegible]

4608 Cyperus papyrus

4609 Canna rumphiana

4610 Berria cordifolia (Willd.) Barrt

4611 Lagestroemia indica L.

4612 Alloplylus cominia (L.) Sw
3

4613 Vitex parviflora A. Juss.

4614 Gmelina asiatica L.

4615 Leea sambucina Willd.

4616 Holmskioldia sanguinea Retz.

4617 Myrtus communis L.

4618 Oncoba spinosa Forsk

4619 Mundulea sericea (Roxb.) Benth.

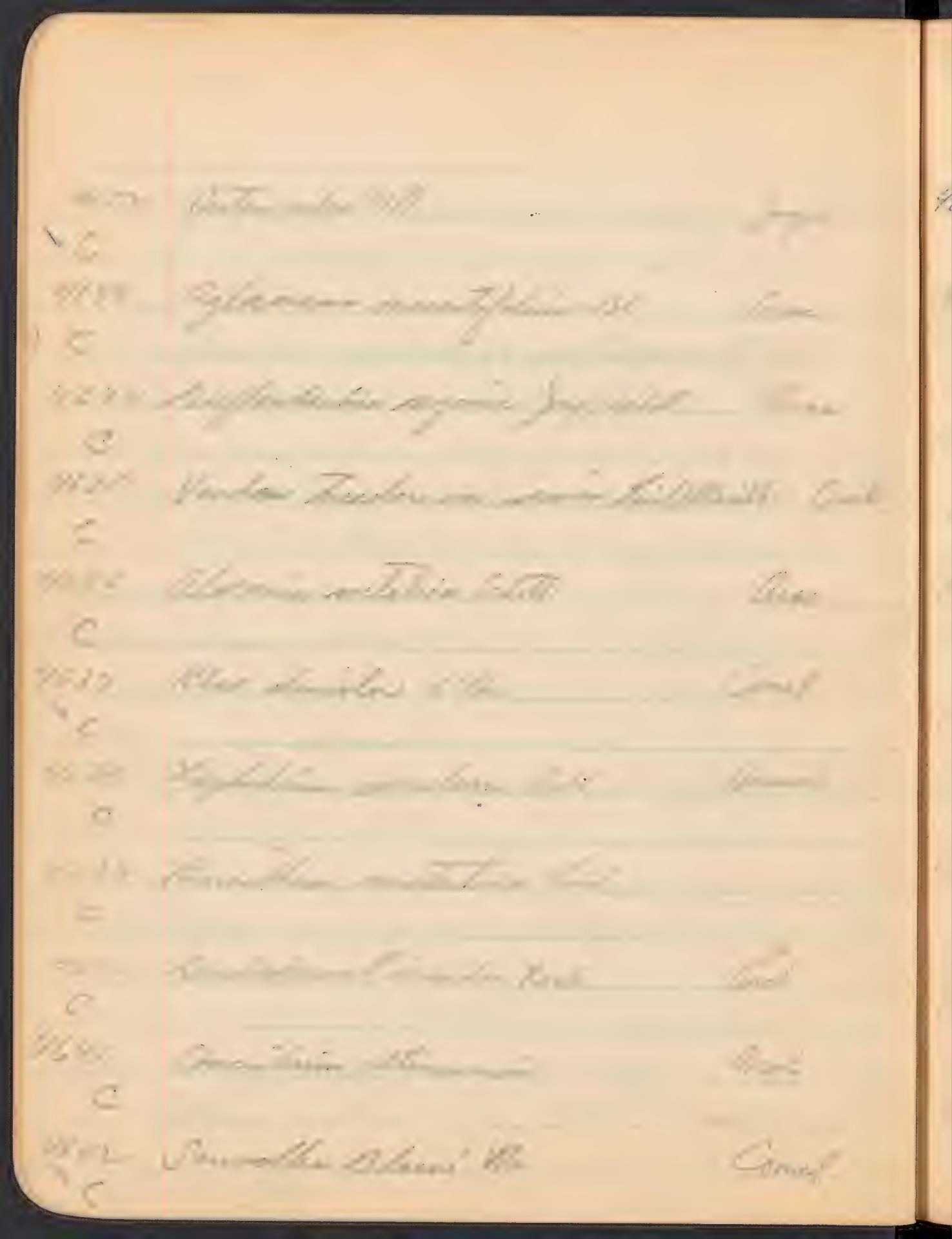
4620 Bryo ebenus (L.) DC.

4621 Markhamia

4623 Indigofera zollingeriana Miq.

7625 Albizzia lebbekoides Benth.

7626



#643 Chamaedorea spp.

4651 *Melia candollei* Juss.

4653 *Mimusops elengi* L.

4654 *Dryopteris oblitirata* (Sw.) C. Chr.
2

4655 *Desmodium canum* (Gm.) Schl. & Thell.
V

4656 *Pavonia fruticosa* (Mill.) Fawc. & Rendle

4657 Polystachya luteola (Sw) Hook
✓

4658 Epidendrum difforme Jacq

4659 Polypodium aureum L.
2

4660 Polypodium polypodioides (L) Watt

4661 Vittaria lineata Swartz
3

4

4663 Dicranopteris flexuosa (Schr) Underw.
3

4664 *Lycopodium cernuum L.*
4

4665 *Guara trichilioides L.*
3

4666 *Habenaria clata Hook*
1

4667 *Tillandsia tenuifolia*
1

4668 *Clitoria rubiginosa Juss.*
(glycinoides) DC
1

4669 *Citharexylum fruticosum var. villosum (Jacq) A.F. Schery*
3

3

4671 Bastardia viscosa H.B.K.
3

4672 Anoda cristata Schlecht.

4673 Sphaeralcea angusta (Willd. ex Link) G. Don
3

4674 Malvastrum coromandelianum (L.) Garcke

4675 Sida glabra Linn.
4

4676 Pityrogramma calomelanos (L.) Link
3

4677 Aneimia obovata (Andrews) Mazon
5

4678 Caperonia palustris (L.) St. Hill Euphorb.
3

4679 Plumbago scandens L.

4680 Miconia dodecandra Cogn.
3

4681 Rapanea ferruginea
4

4682 Eugenia axillaris Willd
4

4683 Vernonia havanensis D.C.
3

4684 Coffea arabica L.

4685 Securidaca or Cloeta elliptica (Tupuy) Blake Polygalaceae

4686 Byrsonima crassifolia (L) H.B.K.
1

4687 Mezoneuron quadrangulare Naud.
3

4688 Aneimia

4689 Hemitelia horrida (L) R.Br.
3

4691 Diplazium Striatum (L) Presl.
3

4692 Dryopteris Sprengelii (Kaulf.) Kuntze
3

4693 Hemidictyum marginatum (L) Presl.
3

4694 Adiantum concinnum H & B

4695 Manettia coccinea Willd Rubiaceae
4

4696 Nasturtium officinale R. Br.
(1)

4697 Triumfetta hispida Rich. Tehuacan
1

4698 Habenaria alata Hook
1

4699 Habenaria quinquecata (Michx) Sw.
5

4700 Oxalis dichondrifolia Lechm.
1

4702 Bomarea edulis Herb.
12

4701 Ipomoea acuminata (Vahl) R+S
1

4703 Rhytidophyllum exsertum Griseb.
3

4704 Citharexylum tristachyum Turcz.
1

4705 Colubrina reclinata Brongn.
5

4706 Dioscorea tamnoides Gris.
(1)

4707 Gouania polygama (Jacq) Urb. Rhamnaceae
3

4708 Metastelma filiforme Wright
3

4709 Ipomoea triloba L.
1

4710 AGERATUM CONYZOIDES L.
det. Alain 1965

#711 *Peperomia cubana* C. DC.
1

#712 *Spilanthes linnaeica* Moore
3

#713 *Miconia laevigata* DC.
1

#714 ERIGERON BELLIOIDES DC. (Loum)
det. Alain 1965

#715 *Oxalis corniculata* L.
V

#716 *Calopogonium coeruleum* (Benth.) Hemsl.
3

#717 *Melothria pringlei* Fris.
3

4718 Dendrophthora purpurascens
3

4719 Stesine Calosia L.

4720 Odontosoria aculeata (L) J. Smith
3

4721 Pteridium aquilinum (L) Kuhn spp. caudatum
4 (L) Boreau

4722 Cuphea cordifolia (Sw) Kochne
1

4723 Sauvagesia Brownei Urb.
(3)

4724 Polygala paniculata L.
2

4725 Acrogrum hypericoides L.
V

4726 Catopsis floribunda (Brogn.) L.B.S.
1

4728 Polypodium pilosellioides L.
V

4729 Epidendrum difforme Jacq.

4730 Mikania ranunculifolia Lieb.
3

4731 Polypodium astrolepis Liebm.
V

4732 *Miconia albicans* (Sw.) Triana
4

4733 *Lyonia jamaicensis* (Sw.) D. Don.
3

4734 *Ardisia costata* Rich.
3

4735 *Linociera venosum* Wt. Trymelaeaceae

4736 *Miconia dodecandra* Cogn.
1

4737 *Lycopodium alopecuroides* L.

4739 Eulophia alta (L.) Fawc. & Rendle
1

4740 Eulophia cleomoides Brit. & Wilson
3

4741 Canavalia nitida (Cav.) Piper.
1

4742 Banisteria pauciflora H.B.K.
3

4743 Lobelia assurgens L.
4

Ocotea leucoxylon (Sw.) Sag.

Phoebe montana Griseb. (described)!

4746 Asclepias curassavica L.
2

4747 Croton glandulosus L.
1

4748 Asplenium cristatum Lam.
3

4749 Solanum callicarpaefolium Kunth & Bouché
√

4750 Solandra grandiflora Sw.

Psychotria pubescens Sw.
1

4752 Brunfelsia sinuata Rich.

Rhus aspera Willd

#753 ~~Rhus microphylla~~ bipinnata Mold.
2

#754 Phytolacca acuminata L.
3

#755 Buddleia americana L.
1

#756 Jacquinia elliptica (L) Pers.
3

#757 Croosema crinitum (HBK) G. Don
1

#758 Cyathea arborea Underw.
3

#759 Eugenia paramoides Rich. Myrt.
3

4760 *Rhynchospora globularis* (Chapm.) Small
var. *insularis* Gale.

4761 *Habenaria Brittoniae* Ames.

4772 *Polygala longicaulis* HBK

4773 *Malpighia subsessa* Small

4774 *Malpighia coccigera* L.

4775 *Malpighia cubensis* HBK

4776 *Malpighia urens* L.

4777 Habenaria replicata A. Rich.

4778 Guazuma ulmifolia Lam.

4779 Trichilia hirta L.

4780 Trichilia havanensis Jacq.

4962 Eupatorium villosum DC. Comp.
1 on hillsides at Las Tres Hermanas.

Pestalozzian collection

Bibliography of professional & minor elements

J. C. Willis

Chilean Nitrate Educational Bureau Inc

120 Broadway

NY

CLUSIA SPECIMENS IN HERB. INST. JAMAICA

Clusia clarendonensis Britton

JAMAICA. Clarendon: Peckham Woods, Proctor 9769.
St. James: White Rock Hill, 1 mile S of Sweet Water, Proctor 16162.

Clusia domingensis Urb.

HAITI. Along road between Kenskoff and Furcy, Proctor 10973.

Clusia flava Jacq.

JAMAICA. St. Andrew: Near the Hope River, along track to Kintyre, Barry s.n.
Near Widcombe, 1½ miles NE of Ligaunea P.O., Proctor 10186.
St. Catherine: Great Goat Island, Proctor 11679.
St. Elizabeth: Kaiser mine area S of Gutters, Howard & Proctor 13804.
Mt. Charles estate, 1 mile due SSW of Giddy Hall P.O., Proctor 11689.
Trelawny: Tyre district, 2 miles N of Troy, Proctor 9951.
St. Ann: Along bucket line from Reynolds mine area to sea, Proctor 8659.
St. Mary: Gibralter Beach, near Oracabessa, Proctor 8023.
St. Thomas: Big Level district, SE end of John Crow Mts., Proctor 11816

CAYMAN ISLANDS. Grand Cayman: Vicinity of Grape Tree Point, Proctor 15141.

Clusia havetioides (Griseb.)Pl. & Tr.

JAMAICA. St. Andrew: W slope of Mt. Horeb, above Hardwar Gap, Proctor 9886.
St. Thomas: SE slope of Mossmans Peak, Proctor 9682.

Clusia minor L.

HAITI. Ennery, Buch 483.
Riviere froide, Buch 1959.
Morne Boutellier, SE of Port-au-Prince, Proctor 10657.

Clusia picardae Urb.

HAITI. Riviere froide, Buch 1954.

Clusia rosea Jacq.

JAMAICA. St. Catherine: Devils Race Course, Proctor 7218.
St. Elizabeth: Retirement, W of Malvern, Proctor 7650.
Mt. Charles estate, 1 mile due SSW of Giddy Hall P.O., Proctor 11705.
St. James: Chatham, Guilbride & Barkley 22J163.

CAYMAN ISLANDS. Cayman Brac: Central Plateau S of Stake Bay village, Proctor 153

HAITI. Morne Hopital, Buch 1896.

Clusia stenocarpa Urb.

JAMAICA. Hanover: Interior summit slopes of Dolphin Head, Proctor 10415.
St. Ann: 2.5 miles SSW of Moneague, Howard & Proctor 13603.
Portland: NW slope of Joe Hill, Proctor 11566.
St. Thomas: Big Level district, SE end of John Crow Mts., Proctor 11972.
Along trail, Whitehall to Big Hill, Proctor 7663.